IN THE CLAIMS:

1. (Currently Amended) An optical disk reproducing device for reproducing a disk-shaped recording medium on which a recording has been made, comprising:

constant angular velocity (CAV) means for controlling a spindle motor at an angular velocity lower than a maximum ~~annular~~ angular velocity assigned to CAV control from start of spin-up processing of such a disk-shaped recording medium to a read standby state.

2. (Previously Presented) The optical disk reproducing device according to claim 1, wherein said CAV means for controlling a spindle motor is for controlling the spindle motor when a disk-shaped recording medium rotates at a low speed.

3. (Previously Presented) A method of spin-up processing for reproducing a disk-shaped recording medium on which a recording has been made at a constant linear velocity (CLV), and for controlling a spindle motor attached to the recording medium to have a constant angular velocity (CAV) control velocity that is lower than a maximum angular velocity, during processing from start of spin-up to a read standby state, the method comprising:

using constant angular velocity (CAV) control to control a first angular velocity of the spindle motor;

changing the first CAV controlled angular velocity to a second CAV controlled angular velocity that is lower than a maximum angular velocity of the spindle motor, and sequentially acquiring a LEAD-IN final address, measuring constant linear velocity (CLV) of a recording medium, reading a table of contents (TOC) heading from the recording medium, acquiring information for providing data with a high-level function (SUB-Q), performing a READ SET operation, and performing a HOLD Track operation.

4. (Previously Presented) The method of spin-up processing according to claim 3, wherein setting angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed comprises setting angular velocity to be half of the maximum rotational speed.